Sheet 1 of 2

FORM PTO-1449 LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. HS 89.116C1	SERIAL NO. 07/883619
	APPLICANTS - Steven G. Streich, Donald F. Hushbeck, Kevin T. Berscheidt and Ricky D. Jacobi	
	FILING DATE 05/12/92	GROUP 3506

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
SP	AA	2,043,225	6/1936	Armentrout et al.	166	264-1	
SN	AB	2,155,129	4/1939	Hall et al.	166	376-21	
SN	AC	2,205,119	6/1940	Hall et al.	166	290-1	
SN	AD	2,589,506	3/1952	Morrisett	166	123-12	
SN	AE	3,529,667	9/1970	Malone	166	387-215	
SN	AF	3,910,348	10/1975	Pitts	166	134	
SN	AG	4,067,358	1/1978	Streich	137	624.13	
SN	AH	4,151,875	5/1979	Sullaway	166	126	
SN	AI	4,708,202	11/1987	Sukup et al.	166	123	
SN	AJ	4,784,226	11/1988	Wyatt	166	376	
SN	AK	4,834,184	5/1989	Streich et al.	166	376	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

SN	AR		Halliburton Sales & Service Catalog No. 43, published in 1985, pages
		11	2561-2562; 2556-2557; 2427-2434
SN	AS		Halliburton Services Sales Technical Paper S-8107 entitled "SUCCESSFUL
			DRILL OUT OF SHOE JOINTS WITH PDC BITS", published in March, 1989
SN	AT		Chapter 4, Fundamentals of Drilling, by John L. Kennedy, PennWell
			Books, Copyright 1983

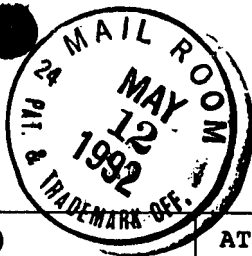
EXAMINER

S. J. Novosa

DATE CONSIDERED

01/12/93

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 2 of 2

FORM PTO-1449 (Modified)

LIST OF PATENTS AND PUBLICATIONS
FOR APPLICANT'S INFORMATION
DISCLOSURE STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.
HS 89.116C1

SERIAL NO.

07/883,619

APPLICANTS - Steven G. Streich, Donald F.
Hushbeck, Kevin T. Berscheidt and Ricky D. Jacobi

FILING DATE

05/12/92

GROUP

3506

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
SW	AA	4,858,687	8/1989	Watson et al.	166	153	
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

SW	AR	"Molding Compounds Materials Selection Handbook", published by Fiberite Corporation, Copyright, 1986
	AS	
	AT	

EXAMINER

S. J. Novosel

DATE CONSIDERED

01/12/93

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.